

DO NOT OPEN THIS TEST BOOKLET TILL YOU ARE ASKED TO DO SO.

TR/AGRIO/18

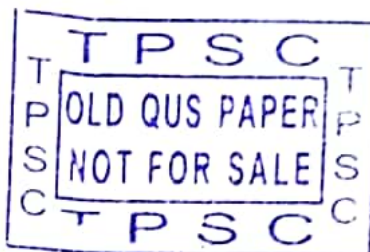
Test Booklet Series

TEST BOOKLET
GENERAL ABILITY TEST



(Signature of the Candidate)

(Invigilator's Signature)



Time Allowed – 2 hours (Two hours)

Maximum Marks – 100

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE SCREENING TEST, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.
3. This Test Booklet contains 100 items (questions). Each question carrying 1 (one) mark only, has four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose **ONLY ONE** response for each item.
4. You have to mark all your responses by **Black Ball Point Pen only** on the separate Answer Sheet provided. See directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet.
7. After you have completed filling in responses on the Answer Sheet and the Screening Test is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take the Test Booklet with you.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
 - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
 - (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (c) If a question is left blank, i.e. no answer is given by the candidate, there will be no penalty for that question.

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Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the answer sheet by using **Black Ball Point Pen** only as per example given below :

Example : The capital of India is

(A) Delhi

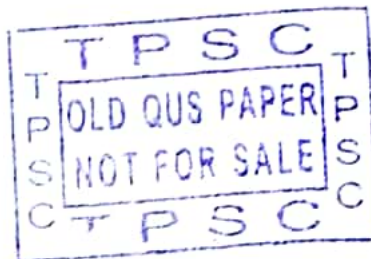
☒ (B) New Delhi

(C) Indraprastha

(D) None of these

PART - I

1. Tripura was declared the statehood status on
 (A) 9th September, 1949
 (B) 1st July, 1963
 (C) 21st January, 1972
 (D) 21st February, 1972
2. Tripura High Court was established on
 (A) 3rd March, 2013
 (B) 23rd March, 2013
 (C) 3rd May, 2013
 (D) 23rd May, 2013
3. Total number of blocks in Tripura is
 (A) 8
 (B) 23
 (C) 48
 (D) 58
4. Chakmaghat Barrage is located on the river
 (A) Dhalai
 (B) Manu
 (C) Gumti
 (D) Khowai
5. Number of Districts in India is
 (A) 593
 (B) 640
 (C) 693
 (D) 707
6. ——— has the largest Muslim Population. (Fill up the blank with suitable option)
 (A) Soudi Arabia
 (B) Pakistan
 (C) Indonesia
 (D) Bangladesh



7. ——— is the first missile developed in India. (Fill up the blank with suitable option)

- (A) Agni
- (B) Aakash
- (C) Trishul
- (D) Prithvi

8. Swachh Bharat Mission was launched on

- (A) 5th June, 2014
- (B) 1st July, 2014
- (C) 2nd October, 2014
- (D) 1st December, 2014

9. International Day of Peace declared by the United Nation is celebrated on

- (A) 11th September
- (B) 21st September
- (C) 5th June
- (D) 25th June

10. Which is the only country in the world to have a square flag ?

- (A) Denmark
- (B) Norway
- (C) Switzerland
- (D) Finland

11. Average distance of the earth from the sun is

- (A) 150 Million km
- (B) 15 Million km
- (C) 90 Million km
- (D) 900 Million km

12. There are ——— number of countries as the member of the United Nation. (Choose the right option for the blank)

- (A) 185
- (B) 188
- (C) 198
- (D) 193

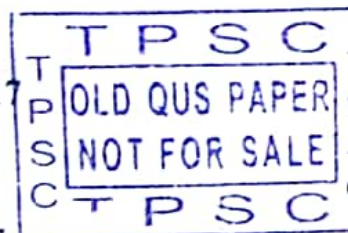
13. One (1) molecule of CFC deplete ——— molecule of Ozone in the Ozonosphere. (Choose the right option for the blank)

- (A) 1,00,000
- (B) 10,000
- (C) 10,00,000
- (D) No one of the above

14. Body temperature of a healthy human body is usually around

- (A) 98.4°C
- (B) 37°C
- (C) 14.5°C
- (D) 25°C

15. A and B working together can finish a piece of work in 12 days while B alone can finish it in 30 days. In how many days can A alone finish the work ?
- (A) 18 days
(B) 24 days
(C) 20 days
(D) 25 days
16. Amal purchased the old TV for Rs.4,900 and spent Rs.600 for repairing before selling the same at Rs. 5,800. Profit made by Amal is
- (A) 20%
(B) 30.6%
(C) 18.37%
(D) 5.45%
17. Book entitled "The origin of species" was written by
- (A) Charles Darwin
(B) Nikolai Vavilov
(C) Augustin Pyramus de Candolle
(D) Carl Linnaeus
18. "My Truth" was written by
- (A) M.K. Gandhi
(B) Jawaharlal Nehru
(C) Indira Gandhi
(D) APJ Abdul Kalam Azad
19. Constitution of India was adopted by the parliament of India on
- (A) 26th November, 1949
(B) 26th December, 1949
(C) 26th January, 1949
(D) 26th January, 1950
20. Total number of sections in the Indian Penal Code (IPC) is
- (A) 302
(B) 511
(C) 498
(D) None of the above
21. Who is present CEO of Tripura ?
- (A) Dr. GSG Ayyangar
(B) Mr. Sriram Taranikanti
(C) Mr. Akhil Kumar Shukla
(D) None of the above
22. CM of Tripura inaugurated the IT Park (Software Technology Parks of India) at Agartala on
- (A) 24th June, 2017
(B) 24th March, 2017
(C) 24th May, 2017
(D) 24th April, 2017



(Choose the right option for the blank in Question No. 23–31)

23. Tripura Sundari Express runs between the station Agartala and ———.

(A) Hazrat Nizamuddin

(B) New Delhi

(C) Anand Vihar

(D) None of the above

24. Ramnath Kovind takes oath as the ——— president of India.

(A) 12th

(B) 13th

(C) 15th

(D) 14th

25. ——— is the fastest running train on Indian Railway.

(A) Gatimaan Express

(B) Rajdhani Express

(C) Shatabdi Express

(D) Duronto Express

26. The present Governor of the Reserve Bank of India is ———.

(A) Vinod Rai

(B) Urjit Patel

(C) D. Subbarao

(D) Raghuram Rajan

27. Mr. Donald Trump is the ——— President of the USA.

(A) 43rd

(B) 49th

(C) 47th

(D) 45th

28. UNSC has passed a resolution against ——— for launching ninth ballistic missile in June 2017.

(A) North Korea

(B) South Korea

(C) Japan

(D) China

29. ——— is the India's longest bridge recently inaugurated by PM Narendra Modi.

(A) Bogi Beel Bridge

(B) Ganga Rail Road Bridge

(C) Dhola–Sadia Bridge

(D) Bandra–Worli sea link Bridge

30. Entry to ——— require Inner Line Permit for the outsiders of the state.

(A) Sikkim

(B) Arunachal Pradesh

(C) Meghalaya

(D) Manipur

31. She ——— serving in the present post since 2008.

(A) have been

(B) has been

(C) was

(D) has

32. Select the adverb in the following sentence :

Rama accidentally deleted three hours homework with one click.

(A) with

(B) homework

(C) deleted

(D) accidentally

33. Select the pronoun in the following sentence :

Hari's mother told him to reach home on time.

(A) mother

(B) him

(C) home

(D) on

(Choose the right option for the blank from Question No. 34–39)

34. Peter ——— at seven o'clock.

(A) goes up

(B) gets

(C) gets up

(D) wakes

35. We ——— live in a flat.

(A) don't

(B) haven't

(C) doesn't

(D) hasn't

36. Can you tell me the way ——— ?

(A) to the bank

(B) is the bank

(C) where is the bank

(D) of the bank



37. We _____ lunch when you telephoned.

(A) was having

(B) were having

(C) had

(D) are having

38. The solution had been found, _____ we hadn't realised it.

(A) however

(B) even

(C) therefore

(D) although

39. We arrived the station, but the bus _____ earlier.

(A) had leave

(B) has leave

(C) had left

(D) has left

40. When teacher requested students to clean the blackboard, Sarita immediately replied "Do not stare at me"

What is meaning of stare ?

(A) look

(B) request

(C) order

(D) impose

PART - II

41. Cultivation of crop (wheat and barley) started around
(A) 3,500 BC
(B) 6,000 BC
(C) 7,500 BC
(D) 10,000 BC
42. The state of atmosphere at a given place and time is referred to as
(A) Troposphere
(B) Agro-meteorology
(C) Climate
(D) Weather
43. Wave length of solar spectrum in the PAR regime is
(A) 400–700 nanometre
(B) 400–700 millimetre
(C) 400–700 micrometre
(D) None of the above
44. In temperature scale, which of the following is true? (Where the notations used have their usual meaning.)
(A) $^{\circ}\text{C} = ^{\circ}\text{K} + 273$
(B) $^{\circ}\text{K} = ^{\circ}\text{C} + 273$
(C) $^{\circ}\text{C} = ^{\circ}\text{F} + 273$
(D) $^{\circ}\text{K} = ^{\circ}\text{C} - 273$
45. Onset of SW Monsoon strikes coastal Kerala every year on
(A) 15th July
(B) 15th June
(C) 1st July
(D) 1st June
46. Number of Agro-climatic Zones based on the classification by planning commission of India is
(A) 8
(B) 15
(C) 32
(D) 60
47. In which type of plant stomata remain open and large amount of CO_2 , is fixed as malic acid?
(A) CAM plants
(B) C_4 plants
(C) C_3 plants
(D) Aquatic plants
48. Which of the formula is true if HI, BY and EY are Harvest Index, Biological Yield and Economic Yield respectively?
(A) $\text{HI} = \text{BY} + \text{EY}$
(B) $\text{HI} = \text{BY} - \text{EY}$
(C) $\text{HI} = \text{EY} / \text{BY}$
(D) $\text{HI} = \text{BY} / \text{EY}$

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[Turn over

49. Availability of iron is high at pH range

(A) 5.0 to 6.0

(B) 6.0 to 7.0

(C) 7.0 to 8.0

(D) 8.0 to 9.0

50. Ideal C:N ratio of arable land should be

(A) 100 : 1

(B) 20 : 1

(C) 10 : 1

(D) 4 : 1

51. If primary tillage is completely avoided and secondary tillage is restricted to seedbed preparation in the row zone only, then it is called

(A) Minimum Tillage

(B) Zero Tillage

(C) Conventional Tillage

(D) Secondary Tillage

52. Arrange the following in right sequence

(i) Certified seed

(ii) Foundation seed

(iii) Breeders seed

(iv) Registered seed

(A) iii-iv-ii-i

(B) i-iv-ii-iii

(C) i-iii-ii-iv

(D) iii-ii-iv-i

53. If potato is planted at the spacing of 50cm x 20cm then optimum plant population per hectare would be

(A) 10,000

(B) 50,000

(C) 1,00,000

(D) 10,00,000

54. Which of the following is not a functional nutrient ?

(A) Sodium

(B) Cobalt

(C) Silicon

(D) Aluminium

55. Which of the following is a green manure crop ?

(A) Azadirachta indica

(B) Sesbania aculeata

(C) Glyricidia sepium

(D) Cassia fistula

56. P_2O_5 content in DAP is

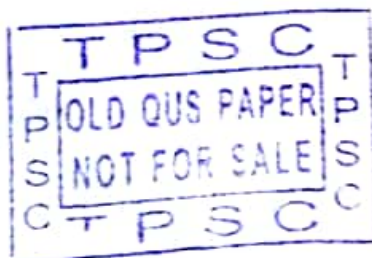
(A) 16 %

(B) 18 %

(C) 32 %

(D) 46 %

57. How much K_2SO_4 will be required to fertilise 1 ha tobacco plot if potassium need is 40 kg ha⁻¹
- (A) 80 kg
(B) 67 kg
(C) 87 kg
(D) 40 kg
58. *Rhizobium japonicum* is associated to
- (A) Peas
(B) Soya-bean
(C) Lentil
(D) Gram
59. Energy status of water at Field Capacity is
- (A) 10,000 bar
(B) 60 bar
(C) 15 bar
(D) 0.33 bar
60. Area under drip irrigation is the highest in the state
- (A) Gujarat
(B) Rajasthan
(C) Maharashtra
(D) Kerala
61. Water Use Efficiency is the lowest in the crop
- (A) Wheat
(B) Sugarcane
(C) Finger Millet
(D) Rice
62. In consequent manner of erosion, which one of the following is correct ?
- (A) Rill – Sheet – Gully – Ravines
(B) Rill – Gully – Ravine – Sheet
(C) Sheet – Ravine – Gully – Rill
(D) Sheet – Rill – Gully – Ravine
63. In land capability classification, Total Number of classes are :
- (A) 16
(B) 8
(C) 6
(D) 4
64. In rainfed farming, main constraint is
- (A) Water erosion
(B) Wind erosion
(C) Both water and wind erosion
(D) None of the above



65. Judicious use of both dimensions viz. space and time can be done in
- (A) Sequence cropping
 - (B) Mono cropping
 - (C) Intercropping
 - (D) Ratoon cropping
66. Cropping Intensity Index (CII) is calculated as
- (A) $\text{Gross Cropped Area (GCA)} / \text{No. of crop} \times 100$
 - (B) $\text{GCA} / \text{Rotational Intensity} \times 100$
 - (C) $\text{No. of crop in a rotation} \times \text{Rotational Intensity}$
 - (D) $\text{GCA} / \text{Net Cultivated Area} \times 100$
67. Moisture content of the grain at the time of harvesting should be
- (A) 18 – 20 %
 - (B) 12 – 14 %
 - (C) 8 – 10 %
 - (D) 6 – 8 %
68. Of the total annual loss of agricultural produce, weeds accounts for
- (A) 75 %
 - (B) 60 %
 - (C) 45 %
 - (D) 30 %
69. Cuscuta is a
- (A) Potential root parasite
 - (B) Total root parasite
 - (C) Potential stem parasite
 - (D) Total stem parasite
70. Correct formula for calculating Coefficient of Variation (CV) is
- (A) SD / AM
 - (B) AM / SD
 - (C) $\text{SD} / \text{AM} \times 100$
 - (D) $\text{AM} / \text{SD} \times 100$
71. Sub-Species Javanica of *Oryza sativa* is cultivated in
- (A) Indonesia
 - (B) Phillipines
 - (C) Japan
 - (D) Barma
72. Maize is a ——— plant. (Choose the right option for the blank)
- (A) Short day
 - (B) Long day
 - (C) Day neutral
 - (D) Intermediate day length

73. Arkel and Meteor are important varieties of

- (A) Pigeon pea
- (B) Peas
- (C) Chick pea
- (D) Lentil

74. Seed rate of arhar is

- (A) 12–15 Kg/ha
- (B) 20–25 Kg/ha
- (C) 30–35 Kg/ha
- (D) 40–45 Kg/ha

75. Gluten is present in

- (A) Maize
- (B) Bengal gram
- (C) Barley
- (D) Wheat

76. CSV-1 (Swarna) is the first High Yielding variety of

- (A) Sesamum
- (B) Sunflower
- (C) Sorghum
- (D) Soya-bean

77. Most suitable pulse crop of summer season also act as a smother crop is

- (A) Cowpea
- (B) Soya-bean
- (C) Black gram
- (D) Green gram

78. Centre of origin of groundnut is

- (A) Peru
- (B) Brazil
- (C) Mexico
- (D) India

79. For proper development of pods kernels of groundnut, gypsum plastering is to be done @

- (A) 25 Kg/ha
- (B) 75 Kg/ha
- (C) 125 Kg/ha
- (D) 175 Kg/ha

80. Oil content of sesamum is

- (A) 50 %
- (B) 55 %
- (C) 40 %
- (D) 45 %



81. Planting material of sugar cane is called as
- (A) Sett
 - (B) Cutting
 - (C) Arrow
 - (D) Nodes
82. Optimum yield of mustard is
- (A) 10–15 q/ha
 - (B) 15–20 q/ha
 - (C) 20–25 q/ha
 - (D) 25–30 q/ha
83. Sunflower oil is good for heart patient because it has
- (A) Lycine
 - (B) Linoleic Acid
 - (C) Arginine
 - (D) Histidine
84. In India, the highest area under jute cultivation is in the state
- (A) Odisha
 - (B) Assam
 - (C) West Bengal
 - (D) Tripura
85. For manufacture of tissue paper currency, fibre of — is required.
- (A) Mesta
 - (B) Sann-hemp
 - (C) Agave
 - (D) Banana
86. Headquarters of Central Tobacco Research Institute (CTRI) is located at
- (A) Rajamundry
 - (B) Rajendranagar, Hyderabad
 - (C) Chennai
 - (D) VijayAwada
87. Headquarters of Central Institute of Medicinal and Aromatic Plant (CIMAP) is located at
- (A) New Delhi
 - (B) Bengaluru
 - (C) Lucknow
 - (D) Srinagar
88. Test weight of any crop refers to its
- (A) Seed rate
 - (B) Oven dry weight of seed
 - (C) 100 seed weight
 - (D) 1000 seed weight

89. Food poisoning of livestock resulting from feeding of young sorghum plants is due to

- (A) Solanin
- (B) HCN
- (C) Malic acid
- (D) BOAA

90. Potato tuber bulking is satisfactory if soil temperature is

- (A) 17–19°C
- (B) 14–15°C
- (C) 07–09°C
- (D) 24–25°C

91. Divyodaya Krishi Vigyan Kendra at Chebri, Khowai was established in the year

- (A) 1975
- (B) 1977
- (C) 1979
- (D) 1980

92. Allyl propyl disulphide is present in

- (A) onion
- (B) ginger
- (C) turmeric
- (D) carrot

93. Whip tail is caused by the deficiency of

- (A) Zinc
- (B) Manganese
- (C) Boron
- (D) Molybdenum

94. *Daucus carota* belongs to the family

- (A) Umbelliferae
- (B) Cruciferae
- (C) Mulvaceae
- (D) Poaceae

95. Botanical name of Sponge gourd is

- (A) *Lagenaria siceraria*
- (B) *Luffa Acutangula*
- (C) *Luffa Cylindrica*
- (D) None of the above

96. Which one of the following is true?

- (A) Neelum = Dasherri × Amrapali
- (B) Amrapali = Dasherri × Neelum
- (C) Dasherri = Ratna × Amrapali
- (D) Alphanso = Ratna × Dasherri



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(15)

[Turn over

97. Which of the following is not a variety of jackfruit ?

- (A) Rudrakshi
- (B) Singapur
- (C) Rasila
- (D) Khaja

98. Pineapple is propagated by

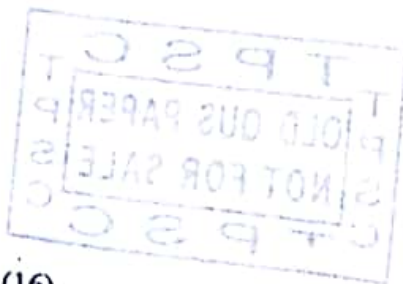
- (A) Suckers
- (B) Runners
- (C) Rooted Cuttings
- (D) Rhizomes

99. Rose is planted at a spacing of

- (A) 60 cm × 60 cm
- (B) 100 cm × 100 cm
- (C) 150 cm × 150 cm
- (D) 200 cm × 200 cm

100. The most commonly used plant growth regulator for rooting of cuttings is

- (A) IAA
- (B) IBA
- (C) Cycocel
- (D) GA_3



(Space for rough work)

